

ABSTRACT OF THE DISCLOSURE

A thin-film magnetic head on a support includes an electromagnetic transducer for writing, a magnetoresistive device for reading, an overcoat layer 5 and a heating element. The transducer and magnetoresistive device are disposed on the support. The overcoat layer is disposed at the opposite side of them from the support. The heating element is provided in the overcoat layer and generates heat when energized.